

A B S T R A C T

A SYSTEM FOR ASSISTING IN THE REGENERATION OF DEPOLLUTION
MEANS INTEGRATED IN AN EXHAUST LINE OF A VEHICLE DIESEL
ENGINE

This system in which the depollution means (1) are
associated with oxidation catalyst-forming means (2), and
the engine (4) is associated with common rail means (7)
for feeding it with fuel and adapted to implement a
regeneration strategy using at least one post-injection
of fuel into the cylinders, is characterized in that it
includes means (8) for detecting a request for
regeneration (req.RG), means (9) for detecting that the
engine is in a stage of idling, means (11) for acquiring
temperature downstream from the catalyst-forming means,
means (8) for determining a maximum duration for post-
injection application during the stage of idling on the
basis of said temperature, and means (7, 8) for
progressively reducing the post-injection as soon as the
duration of use has reached the maximum duration.

Translation of the title and the abstract as they were when originally filed by the
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